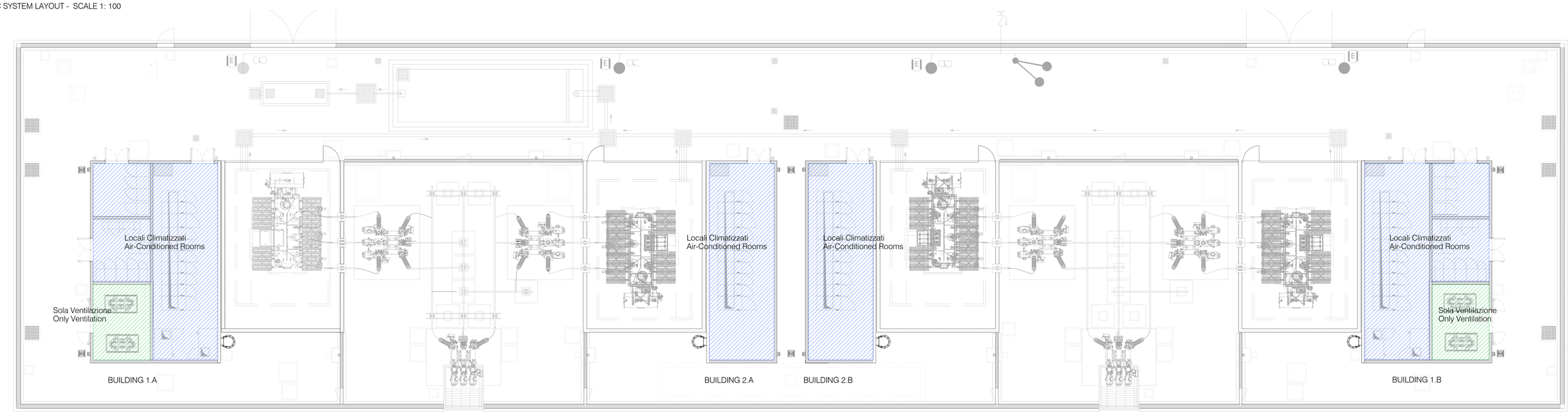
PLANIMETRIA IMPIANTI HVAC - SCALA 1: 100
HVAC SYSTEM LAYOUT - SCALE 1: 100



LEGENDA

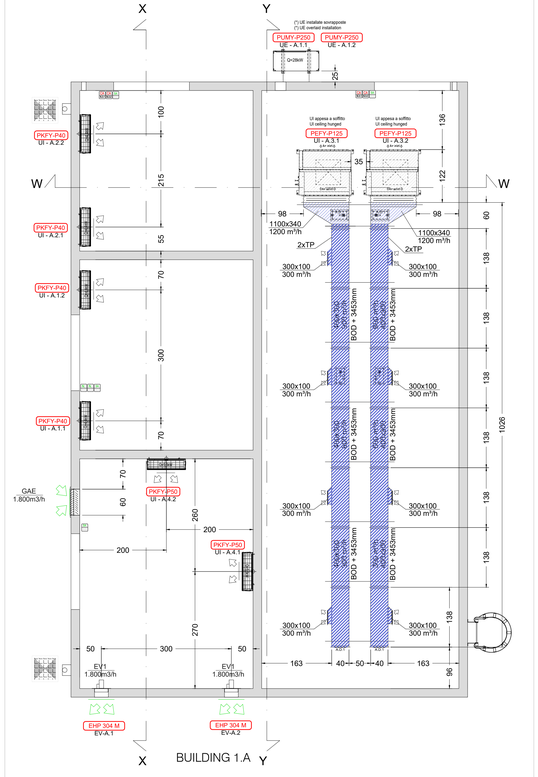
	CANALI MANDATA ARIA CLIMATIZZAZIONE	Air conditioning supply ducts
	TUBAZIONI IN RAME ISOLATO LIQUIDO E GAS FREON in CANALINA tassellata fissata a parete/soffitto	Freon liquid and gas pipeline isulated in TRAY anchored on the wall/ceiling
	TUBAZIONI IN PE INSTALLAZIONE A VISTA RACCOLTA CONDENSA	PE piping visible installation for condensate drainage
	TUBAZIONI IN PE INSTALLAZIONE SOTTO TERRA RACCOLTA CONDENSA	PE piping underground installation for condensate drainage
	MONTANTE IN ACCIAIO ZINCATO RACCOLTA CONDENSA	Galvanized steel column for condensate drainage
	BOCCHETTE DI MANDATA INSTALLAZIONE A CANALE Completa di serranda di regolazione - Wt: G = 300 m3/h, dimensione 300x135mm	Supply air grid installation on duct With regulation damper - Wt: G = 300 m3/h, dimension 300x135mm
	BOTOLA D'ISPEZIONE Completa di maniglia - A.S.1, dimensioni 335x185mm	INSPECTION DOOR Handle included - A.S.1, dimensions 335x185mm
GAE 1.800m3/h	GRIGLIA DI PRESA ARIA ESTERNA IN ACCIAIO Completa di serranda di sovrapressione e filtro antipolline - G = 1.800 m3/h, dimension 600x600mm	STEEL EXTERNAL AIR GRID with overpressure damper and pollen filter - G = 1.800 m3/h, dimension 600x600mm
EHP 304 M EV-A.X	VENTILATORE ELICOIDALE PER ESTRAZIONE ARIA, diam. 250mm Installazione a parete con controllo velocità - G = 1.800 m3/h, H = 36 Pa, Pa = 125 W	Helicoidal fan for air extraction, diam. 250mm In wall installation with speed control - G = 1.800 m3/h, H = 36 Pa, Pa = 125 W
PUMY-P140 UE - A.B1.X	UNITA' ESTERNA MOTOCONDENSANTE tipo PUMY-P140YKM5 Pf = 13,5 kW, Pt = 12,5 kW, Pa = 3,17 kW dimensioni HxWxD 1338x1030x330 mm	Outdoor condensing unit, type PUMY-P140YKM5 Pf = 13,5 kW, Pt = 12,5 kW, Pa = 3,17 kW dimensions HxWxD 1338x1030x330 mm
PUMY-P200 UE - A.B1.X	UNITA' ESTERNA MOTOCONDENSANTE tipo PUMY-P200YKM3 Pf = 28,0 kW, Pt = 13,56 kW, Pa = 8,21 kW dimensioni HxWxD 1563x1050x460 mm	Outdoor condensing unit, type PUMY-P200YKM3 Pf = 28,0 kW, Pt = 13,56 kW, Pa = 8,21 kW dimensions HxWxD 1563x1050x460 mm
PEFY-P125 UI - A.B.X.Y	UNITA' INTERNA CANALIZZABILE tipo PEFY-P125VAHS-E Pf = 12,1 kW, Pt = 6,6 kW, Pa = 233 W dimensioni HxWxD 360x1195x950 mm, con pompa condensa	Ductable indoor unit, type PEFY-P125VAHS-E Pf = 12,1 kW, Pt = 6,6 kW, Pa = 233 W dimensions HxWxD 360x1195x950 mm, with condensate pump
PKFY-P40 UI - A.B1.X	UNITA' INTERNA A PARETE tipo PKFY-P40VLM-E Pf = 4,4 kW, Pt = 4,0 kW, Pa = 32 W dimensioni HxWxD 299x998x237 mm	UNITA' INTERNA A PARETE tipo PKFY-P63VLM-E Pf = 6,8 kW, Pt = 6,0 kW, Pa = 32 W dimensioni HxWxD 299x998x237 mm	Wall-mounted indoor unit, type PKFY-P40VLM-E Pf = 4,4 kW, Pt = 4,0 kW, Pa = 32 W dimensions HxWxD 299x998x237 mm	Wall-mounted indoor unit, type PKFY-P63VLM-E Pf = 6,8 kW, Pt = 6,0 kW, Pa = 32 W dimensions HxWxD 299x998x237 mm
	REGOLATORE AMBIENTE UNITA' INTERNA	Room controller
	SONDA DI MONITORAGGIO TEMPERATURA E UMIDITA'	Monitoring probe for temperature and humidity

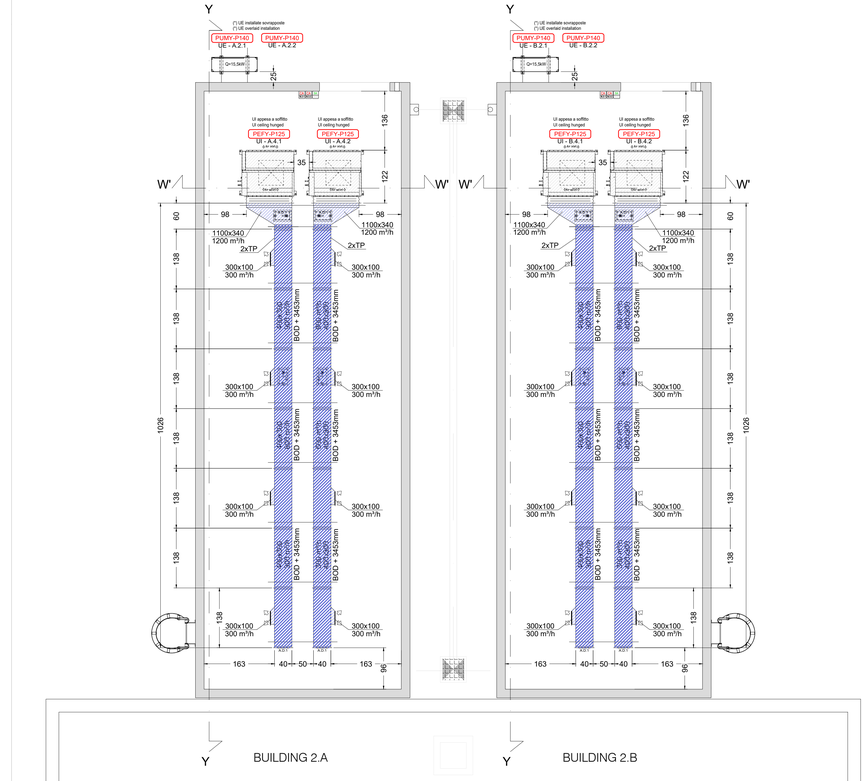
NOTE:
1) IL DIMENSIONAMENTO DELLE LINEE FREON E' A CARICO DEL FORNITORE DEL SISTEMA VRV

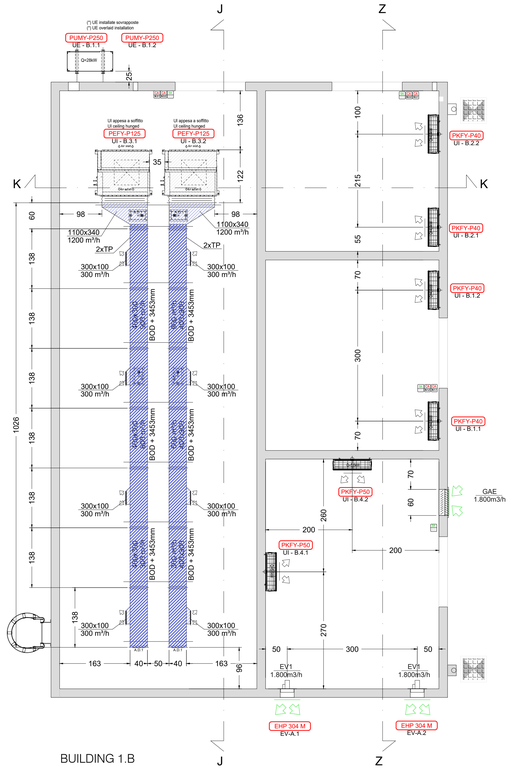
1) SIZING OF FREON LINES IS THE RESPONSIBILITY THE VRV SYSTEM SUPPLIER

RIFERIMENTI:
EQUIPMENT E CONDOTTE VEDERE I DOC MEC-PL-215-1 E MEC-PL-215-2
LINEE FREON VEDERE I DOC MEC-PL-215-3 E MEC-PL-215-4
LINEE DI RACCOLTA CONDENSE VEDERE I DOC MEC-PL-215-5 E MEC-PL-215-6
SUPPORTI VEDERE I DOC MEC-PL-215-7 E MEC-PL-215-8
DETTAGLI VEDERE I DOC MEC-PL-215-9

EQUIPMENT AND DUCT SEE DOC. MEC-PL-215-1 E MEC-PL-215-2
REFRIGERANT PIPES SEE DOC. MEC-PL-215-3 E MEC-PL-215-4
DRAWING PIPES SEE DOC. MEC-PL-215-5 E MEC-PL-215-6
SUPPORTS SEE DOC. MEC-PL-215-7 E MEC-PL-215-8
DETAILS SEE DOC. MEC-PL-215-9







PLANIMETRIA CONDOTTE E MACCHINE HVAC - LATO A - SCALA 1: 50
HVAC DUCT AND ITEMS LAYOUT - SIDE A - SCALE 1: 50

PLANIMETRIA CONDOTTE E MACCHINE HVAC - LATO B - SCALA 1: 50
HVAC DUCT AND ITEMS LAYOUT - SIDE B - SCALE 1: 50

REVISION	N.	DATE	DESCRIPTION	ELABORATED	VERIFIED	APPROVED
	01	19/08/2024	Second issue - ESS plant project	Idea Digital Solution	Engie	Engie
	00	15/07/2024	First issue - ESS plant project	Idea Digital Solution	Engie	Engie

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PROJECT
RTN CONNECTION PROJECT

SSE TECHNOLOGICAL INSTALLATIONS PROJECT

WS5 SHOP DRAWINGS

CLIENT

CODE	DRAW
MEC-PL-215_1	HVAC DUCT LAYOUT - Plan view

DATE	SCALE	LOCATION
August 2024		METROPOLITAN CITY OF MILAN MUNICIPALITY OF NOVIGLIO

PROJECT LEVEL	DRAWING CODING
WS5 SHOP DRAWINGS	MEC-PL-215_1 - HVAC Duct Layout - Plan view

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